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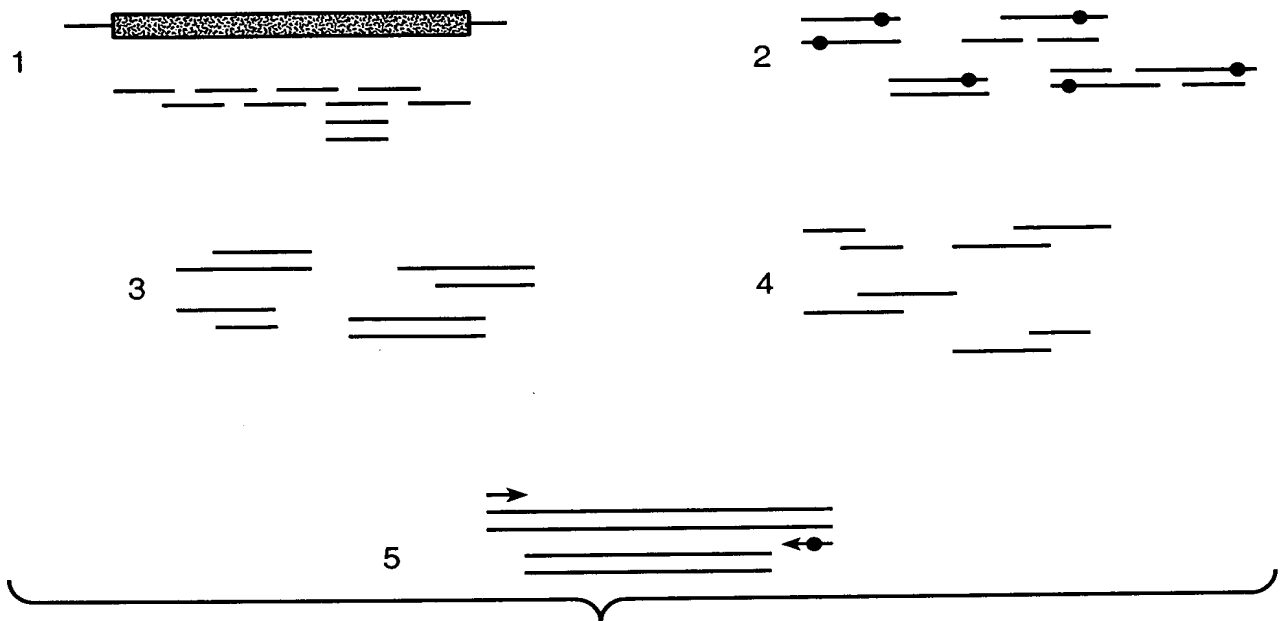


FIG._1

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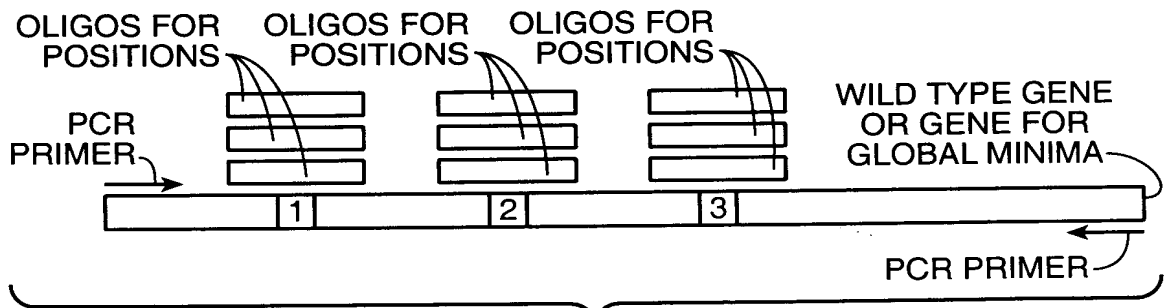
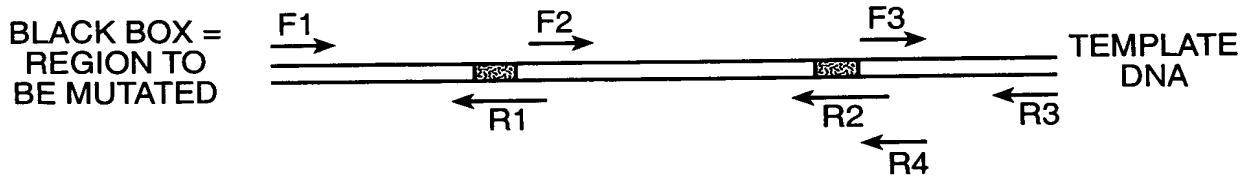


FIG._2

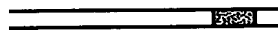


STEP 1: SET UP 3 PCR REACTIONS:

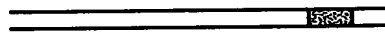
PRODUCTS:

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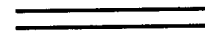
TUBE 1:



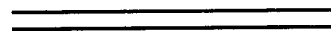
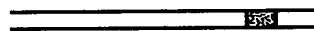
TUBE 2:



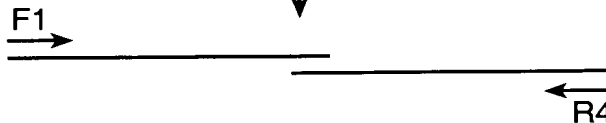
TUBE 3:



STEP 2: SET UP PCR REACTION WITH PRODUCTS OF TUBE 1 + PRODUCTS TUBE 2 + F1 + R4.



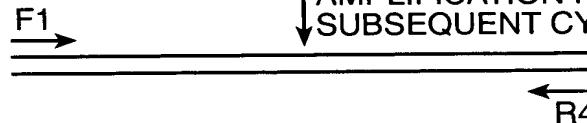
↓ HEAT + ANNEAL PHASE OF PCR,



↓ SYNTHESIS PHASE OF PCR,



↓ AMPLIFICATION PHASE DURING
SUBSEQUENT CYCLES USING F1 + R4.



STEP 3: REPEAT STEP 2 USING PRODUCT FROM STEP 2 + PRODUCT FROM STEP 1, TUBE 3 + PRIMERS F1 + R3.

FIG. 3